

RECEIVED

JUL 26 2002

TECH CENTER 1600/2900

Page 1 of 5

1642



1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/648,310

DATE: 07/18/2002

TIME: 15:08:58

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\07182002\I648310.raw

ENTERED

RECEIVED  
JUL 30 2002  
OFFICE OF PETITIONS

4 <110> APPLICANT: Fisher, Paul B.  
5 Kang, Dong-Chul  
6 Su, Zao-Zhong  
8 <120> TITLE OF INVENTION: Progression suppressed gene 12 (PSGen  
9 13) and uses thereof  
11 <130> FILE REFERENCE: 34586 (070050.1668)  
13 <140> CURRENT APPLICATION NUMBER: 09/648,310  
14 <141> CURRENT FILING DATE: 2000-08-25  
16 <160> NUMBER OF SEQ ID NOS: 6  
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 780  
22 <212> TYPE: DNA  
23 <213> ORGANISM: rattus norvegicus  
25 <400> SEQUENCE: 1  
26 ggcacgagct ctctctgtcc cctcccttct ccactgcagc ctttctctta gcccgaaacca 60  
27 ctctcttctt ctgcttggtc ctccctaggg cgcggaagct gagtgcaggg ttcagaccca 120  
28 cgcggcgagc agctcttcag tgaagaagga agcaatcgga gggtcagcaa tgaacgtgga 180  
29 gcatgagggt aacctcctgg tggaggaaat tcatcgtctg gggtccaaaa atgccgatgg 240  
30 gaaactgagt gtgaagtttg gggctctctt ccaagacgac agatgtgcca atctctttga 300  
31 agcgttggtg ggaactctga aagccgcaaa acgaagggaag attgttacgt acgcaggaga 360  
32 gctgcttttg caagggtgtc atgatgatgt tgacattgta ttgctgcaag attaattgtg 420  
33 tttgcagatc tgggggtatc tggtaaactg gaataattaa gttaaaggac aaacatgaag 480  
34 ttcttatagt atttttatag acctttgtaa acaaaagggg acttggtgag aagtcctgtt 540  
35 tttatacctt ggagcaaaac attacaatgt aaaaataaac aaaacctgtt attttttttt 600  
36 tcttaagaag gtaatcggga gacgtaggca ataaaatgtt ttcagagggt cgaaaaagct 660  
37 tttgttttct taaaccattc ttagtctctg ccacacttga cactccgtca aagtgagaag 720  
38 cgaactaaag accaactgcg gtggaaaata ttatgtttat gtaataaaaa aaaatcatgt 780  
41 <210> SEQ ID NO: 2  
42 <211> LENGTH: 81  
43 <212> TYPE: PRT  
44 <213> ORGANISM: rattus norvegicus  
46 <400> SEQUENCE: 2  
47 Met Asn Val Glu His Glu Val Asn Leu Leu Val Glu Glu Ile His Arg  
48 1 5 10 15  
49 Leu Gly Ser Lys Asn Ala Asp Gly Lys Leu Ser Val Lys Phe Gly Val  
50 20 25 30  
51 Leu Phe Gln Asp Asp Arg Cys Ala Asn Leu Phe Glu Ala Leu Val Gly  
52 35 40 45  
53 Thr Leu Lys Ala Ala Lys Arg Arg Lys Ile Val Thr Tyr Ala Gly Glu  
54 50 55 60  
55 Leu Leu Leu Gln Gly Val His Asp Asp Val Asp Ile Val Leu Leu Gln  
56 65 70 75 80

## RAW SEQUENCE LISTING

DATE: 07/18/2002

PATENT APPLICATION: US/09/648,310

TIME: 15:08:58

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\07182002\I648310.raw

57 Asp

61 &lt;210&gt; SEQ ID NO: 3

62 &lt;211&gt; LENGTH: 835

63 &lt;212&gt; TYPE: DNA

64 &lt;213&gt; ORGANISM: homo sapiens

66 &lt;400&gt; SEQUENCE: 3

```

67 ggcacgaggc ttgagcgcag aaacacttac ttttccccct accctgctcc tcctcctcca 60
68 cagccgtctt tctctttgcc tcagccactt ccttccttcg cctcaccctc cccagtgcac 120
69 tgaagaaggt aaccgggtcc agaccacgc ggcgccagtt ctccggcggg aaggaaaacc 180
70 gcgcagagag gcagcaatga atgtggatca cgaggttaac ctcttagtgg aggaaattca 240
71 tcgtttgggt tcaaaaaatg ctgatggaaa gttaagcgtg aaatttgggg tcctcttccg 300
72 tgatgataaa tgtgccaaac tctttgaagc attggttaga actcttaaag ctgcaaaacg 360
73 aaggaagatt gtaacatatc caggagagct gcttctgcaa ggtgttcatg atgatgttga 420
74 cattatatta ctgcaagatt aatgtggttt acatatcttt atgtactgcc attttttgtt 480
75 tctggtaaac tggaatataa agtgaaagaa caaacatttg aacatactta atgtattttt 540
76 atagaacttt gtaaaccgaa ggagattcat gttttagaag tctgtccttt tttatatctt 600
77 gaaagaaaat ctatgtatga tgcataaaaa taaatcctat tatttttctc aggaatctgg 660
78 ttaggaattg caggcaatga gattttttgc ggggcaggga tgggaatgtt tgttcataaa 720
79 taattagaca ttttctatag atatttgaca ttctgcgaaa gcaacaagca aactgaagac 780
80 caactcctat gagaaatatt atgatgttta tgtaataaag acatgtaact gtctt      835

```

82 &lt;210&gt; SEQ ID NO: 4

83 &lt;211&gt; LENGTH: 81

84 &lt;212&gt; TYPE: PRT

85 &lt;213&gt; ORGANISM: homo sapiens

87 &lt;400&gt; SEQUENCE: 4

BB<sup>12</sup>

```

88 Met Asn Val Asp His Glu Val Asn Leu Leu Val Glu Glu Ile His Arg
89 1          5          10          15
90 Leu Gly Ser Lys Asn Ala Asp Gly Lys Leu Ser Val Lys Phe Gly Val
91          20          25          30
92 Leu Phe Arg Asp Asp Lys Cys Ala Asn Leu Phe Glu Ala Leu Val Gly
93          35          40          45
94 Thr Leu Lys Ala Ala Lys Arg Arg Lys Ile Val Thr Tyr Pro Gly Glu
95          50          55          60
96 Leu Leu Leu Gln Gly Val His Asp Asp Val Asp Ile Ile Leu Leu Gln
97 65          70          75          80

```

98 Asp

102 &lt;210&gt; SEQ ID NO: 5

103 &lt;211&gt; LENGTH: 28

104 &lt;212&gt; TYPE: DNA

105 &lt;213&gt; ORGANISM: Artificial Sequence

107 &lt;220&gt; FEATURE:

108 &lt;223&gt; OTHER INFORMATION: synthetic oligonucleotide

110 &lt;400&gt; SEQUENCE: 5

111 tcgcttctca ctttgacgga gtgtgaag

28

113 &lt;210&gt; SEQ ID NO: 6

114 &lt;211&gt; LENGTH: 28

115 &lt;212&gt; TYPE: DNA

116 &lt;213&gt; ORGANISM: Artificial Sequence

118 &lt;220&gt; FEATURE:

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/648,310

DATE: 07/18/2002

TIME: 15:08:58

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\07182002\I648310.raw

119 <223> OTHER INFORMATION: synthetic oligonucleotide

121 <400> SEQUENCE: 6

122 tgtcaagtgt ggcagagact aagaatgg

28

RECEIVED  
JUL 30 2002  
OFFICE OF PETITIONS

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/648,310

DATE: 07/18/2002

TIME: 15:08:59

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\07182002\I648310.raw